Research and Special Programs Administration

49 CFR Parts 172, 173, and 179

[Docket No. HM-166H; Amdt. Nos 172-70, 173-150, and 179-29]

Dispersant and Refrigerant Gases; Removal of Obsolete Compliance Reporting Requirements

**AGENCY:** Materials Transportation Bureau (MTB), Research and Special Programs Administration, DOT.

**ACTION:** Final rule

SUMMARY: This final rule amends the Hazardous Materials Regulations to authorize the shipment of fluorinated hydrocarbons and their numerous mixtures under a group category of Dispersant gas, n.o.s. or Refrigerant, gas, n.o.s. and removes an obsolete reporting requirement (§ 179.105-9) concerning DOT Specification 112 and 114 pressure tank cars bearing the owner's reporting mark.

**EFFECTIVE DATE:** This amendment is effective July 1, 1982. However, compliance with the regulations as amended herein, is authorized immediately.

ADDRESS: Copies of supporting documents, Regulation Evaluation and Environmental Assessment are available for inspection and reproduction at the following address: Dockets Branch, Materials Transportation Bureau, U.S. Department of Transportation, Room 8426, 400 Seventh Street, SW., Washington, D.C. 20590. Public dockets may be reviewed between the hours of 8:30 a.m. and 5:00 p.m. Monday through Friday. Telephone (202) 426-3148.

#### FOR FURTHER INFORMATION CONTACT:

Darrell L. Raines, Chief, Exemptions and Regulations Termination Branch, Office of Hazardous Materials Regulation, Materials Transportation Dureau, Washington, D.C. 20590 (202-472-2726).

SUPPLEMENTARY INFORMATION: On January 8, 1981, the MTB published a notice of proposed rulemaking under Docket HM-166H; Notice No. 80-10 (46 FR 2121), which proposed to amend the Hazardous Materials Regulations to authorize the shipment of fluorinated hydrocarbons and their many mixtures under a group category of Dispersant gas, n.o.s. or Refrigerant gas, n.o.s. Authorizing the use of Dispersant gas, n.o.s. or Refrigerant gas, n.o.s. and the addition of "R" numbers will help make shipping paper entries less complex and simplify the identification of the numerous gases and their mixtures.

Included in this rulemaking, but not included in the notice, is the deletion of § 179.105-9. On September 7, 1978 (43 FR 39792), Docket No. HM-144; Amdt. No. 179-24, added § 179.105-9 which required owners of DOT Specification 112 and 114 pressure tank cars to provide to the Bureau a listing of those cars bearing the owner's reporting mark and plans of the owner to retrofit them with safety devices. Since § 179.105-9 has served its purpose and is no longer applicable, it is being deleted without public notice.

The MTB received three comments on Notice 80-10. Based on the comments received, and upon further review, four changes have been added to the final rule. First, Trifluoromethane and chlorotrifluoromethane mixture (R-503) has been added to the Table in § 172.101. Second. Bromotrifluoromethane (R-13B1) or (H-

1301), Dichlorodifluoromethane (R-12),

Dichlorodifluoromethane and difluoromethane mixture (constant boiling mixture) (R-500), and Difficular than the been added to the Table in § 173.304. Third, proposed Notes 27 and 28 have been changed to read 28 and 29 respectively because Note 27 was added under Docket HM-174 on March 30, 1981. Also, new Note 28 has been changed by deleting the reference to 112A340W and 112A400W tank cars because these particular tank cars do not have bottom outlets. Fourth, Bromotrifluoromethane (R-13B1) or (H-1301) has been added to the Table in § 173.315.

The MTB has determined that this regulation is consistent with Section 2 of Executive Order 12291, and is a nonmajor rule under the terms of that Order since the effect of the rule is to simplify the identification of the numerous gases and their mixtures and to make the shipping paper entries less complicated. Pursuant to the Regulatory Flexibility Act, this rule will not result in a significant economic impact on a substantial number of small entities because its effect will be to reduce costs and simplify procedures.

In consideration of the foregoing, 49 CFR Parts 172, 173 and 179 are amended to read as follows:

#### PART 172-HAZARDOUS MATERIALS **TABLES AND HAZARDOUS** MATERIALS COMMUNICATIONS REGULATIONS

#### § 172.101 [Amended]

1. In § 172.101 the Hazardous Materials Table is amended by deleting or adding as indicated by the entities listed below:

BILLING CODE 4910-60-M

## § 172.101 Hazardous Materials Table.

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"]	(2)	,,,			Packag	gin <b>ig</b>	Maximum net que in one package	ntity	Water slupments			
M/ E/ E/	Ita zurdous materials descriptions and proper shipping names	ija zard ciass	Identifi- cution number	Label(s) required (if not excepted)	(a) Exceptions	(b) Specific require- ments	(a) Passenger carry- ing aircraft or railcar	(b) Cargo only air- eraft	(a) Curgo vessei	(b) Pas- senger vessel	(c) Other requirements	
П	(DELETE)					1				1		
1								İ	ļ			
	Dichlorodifluoromethane	Nonflam - mable gas	UNIA 28	Nonflam- mable gas	173.306	173.304 173.314 173.315	150 pounds	300 pounds	1,2	1,2		
	Dichlorodifluoromethana and difluoroethana mixture (constant boiling mixture)	Nonflem- mable gas	UN 2662	Nonflam- mable gas	173.306	173.304 173.314 173.315	150 pounds	300 pounds	1,2	1,2	·	
	Lichlorodi fluoromethane- dichlorotetra fluoro- ethane misture	Nonflam- mable gas	NAI956	Nonflam- mable gas	173.306	173.304 173.314 173.315	ISO pounds	300 pounds	1,3	1,2		
	Dichlorodifluoromethane- monochlorodifluoro- methane mixture	Nonflam - mable gas	NA1956	Nonflem- mable gas	173.386	173.304 173.316 173.315	150 pounds	300 pounds	1,2	1,2		
	Dichlorodifluoromethane- trichloromonofluoro- methane matture	Nonflam- mable gas	NA1956	Nonflum- meble gas	173.306	173.304 173.314 173.315	150 pounds	388 pounds	1,2	1,2	•	
	Dichlorodifluoromethane- trichloromonofluoro- methane-monochloro- difluoromethane mixture	Nonfiam- mable gas	NAI956	Honflem- mable gas	173.306	173.304 173.314 173.315	150 pounds	300 pounds	. 1,2	1,2		
	Dichlorodifluoromethane- trichlorotrifluoro- ethane mixture	Nunfinm- mable gas	NA1956	Nonflum- mable gas	173.306	173.304 173.314 173.315	150 pounds	300 pounds	1,3	1,2		
	I,I-Difluoro-I-chlore- ethane. <u>See</u> Difluoromonochlore- ethane				,							
*/	Diffuoreethane	Piemmable gas	UN3030	Plammable gas	173.306	173.304 173.314 173.315	Forbidden	300 pounds	1,7	,		
+/	Difluoromonochloro- ethane	Flammable gas	UN 25.17	Plammable gas	173.306	173.304 173.314 173.315	Porbidden	300 pounds	1,2	,		
	Dispersant gas or Refrigerant gas See 173.314 NOTE IS and 173.315 NOTE 9											
	Mansbromotrifiuoro- methano	Honflem- mable gas	DHMOO	Nonflam- mable gas	173.306	173.304 173.314	250 pounds	300 pounds	1,2	1,2	,	
	Monachiorodifluore- methans	Honflam-	UNIOM	Honflam- mable gas	173.304	173.304 173.314 173.315	150 pounds	300 pounds	L.2	1.2		
	Monochiorepenta- fluoroethane	Nonflam- mable gas	UN 1929	Nonflom- mable gas	173.306	173.304	150 pounds	300 pounds	1,2	1,2		
	Monochiorotetrafiuoro- ethane	Nonflam- mable ger	UNIO21	Nonflam- mable gas	173.306	173.304 173.314	158 pounds	390 pounds	1,2	1,2		
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			3.0	1.0	(5 Packs		May	withy:		Na Select subs	
	He zerdous materials descriptions and proper shipping paines		Identifi- cation number	Label(s) required (if not excepted)	(a) Esceptions	(b) Specifie require- ments	Parameter comp- teg abresent or rollicar	Corps constant and and and and and and and and and and	Carpe	HIL	(Name propulation contra
ľ	leaga: Naretri (lucra- methans	Honflem- mable pas	UN1022	Nonflam- mable gas	173.304	173.304	56 pounds	300 pounds	ly	ų	
	Refrigorant gas. Son Disportant Gan										
	(ADD)										
	Bromotri fluoromethane ( <u>R-1381 or H-139</u> ).	Healte per	UNIDOS	Hosfiam- mable gas	173,366	171.304 171.314 171.315	50 pounds	300 pounds	4	4	
,	-Chloro-Li-difmore- ethana. See Chlorodifmoresthana										
	( <u>8+1429</u> )								75	6	
•	Chlored (hercethane (B-142) of U-Chlore- L-differentiane.	Planametra est	UN 2517	Pleas mable gas	112.306	171.304 171.314 171.315		200 payels	u		
	( <u>8-19</u>	Hoofing- Sabir pas	UNION	Monflem- meble gas	173.3 <b>46</b>	173.304 173.314 173.315	150 primate	300 paradi	13	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	and the second
(	Alorida (huard- melhania kiid ebbid-										
	pentaffeoroethang in http://ecostant boiling mixture (2-503). See Kefriggrand gas,										
	R.G.S Chloropentafluoro- ethana ( <u>R-115</u> )	Nenflam- Roble pes	UH 1020	Monfiam- mable gas	173.304	127304	ISO pounds	300 pounds	la .	u	
	Chiprotetrafluoro- ethene ( <u>R-12</u> 9	Nanétani- mable gas	UN 1623.	Nonflam- mable gas	172,368	173.304 173.314	150 pounds	300 pounds	L#	1,3	
	Chierotrifinoro- methane ( <u>R-13</u> )	Henften Rabis pas	UN1022	Monflem- mable gas	173,306	173,304	ISO pounds	300 pounds	1,3	<b>13</b>	
	Dichlored Characettens ( <u>R-13</u> )	Nonflam- mable gas	UN 1926	Honflam- mable gas	173,304	173.364 173.364 173.355	160 pounds	304 pounds	1.3	3	
	Dichlorodiffuoromethana and diffuoroethana			4							
	min ture (constant boiling min ture) (R-566). See Refrigerant gas, R-6.s or Dispersant										
	gas, s.o.s. Dichlorodi fluoromethuse										
	( <u>H-12</u> ) and diching- tetrafluoroethane (H-13) mixture, See										Barran (Barran) Garran
	Refrigerant gas, n.s.s. or Dispursant gas, n.s.s.										
			·	1 1							

<del></del>	(3)	(3.6)	(4)	(Š) Packs	was premis	(6) Maximum net qua	mlity			A Commence of the Commence of
		5 1953. d		in the same		in one package	<b>,</b>	(a) W	eter shi	oments.
le zardous meteriels descriptions and proper shipping names	class class	number	Label(s) required (if not excepted)	(a) Exceptions	(b) Specific require- ments	(a) Passenger carry- ing aircraft or railcar	Cargo only air- craft	Cargo vessel	Pas- senger ressel	Other requirements
Dichlorodifluoremethane (R-12) and chlorodi- fluoromethane (R-22) muture. Ser Refri- gerant gas, n.o.s. pt Dispersant gas, n.o.s.										
Dichlorodifuoromethene R-12 and trichloro- Tuoromethene (R-18) mit time. See Refri- gerant gas, n.o.s. or Dispersant gas, n.o.s.										
Dichloradi fluorome theme (R-12), trichlorafluorome (R-18 and chloradifluorome theme (R-12 min ture Seg Refrigerati pas, h.e.s. og Insperant gas, h.e.s.										
Dichlorodifluoreme thane (R-12) and triendoru- trifluoremane (R-12) moture. See Refrigeran gas, n.o.s. gr. Dispersant gas, n.o.s.										
Diffuoroethane ( <u>R-57a</u> )	Flammable	UN1038	Fiammeble gas	173.306	173,304 173,314 173,315	Parbidden	300 pounds	1,2	122	
Dispersant gas, n.o.s. Seg Refrigerant gas, s.o.s.							300 pounds	1,2	1,2	
Refrigerant gas, n.o.s. or Dispersant gas n.o.s	Nonflam- mable gas	UN1078	Nonflam- mable gas	173.306	173.304 173.314 173.315	159 pounds				
Refrigerant gas, 4.0.5 or Dispersant gas, 5.0.5	Flammable gas	NA1954	Plammable gas	173.306	171.304 173.314 173.315	Forbidden	300 pounds	1,3	- 1	
Trifluoromethane and entorotrifluoromethane muture (constant boiling mixture) (8-10). See Refrigerant gas, n.e.s.										
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#### PART 173-SHIPPERS-GENERAL REQUIREMENTS FOR SHIPMENTS AND PACKAGINGS

2. In § 173.300, paragraph (i) is added to read as follows:

#### § 173.300 Definitions.

(i) Refrigerant gas or Dispersant gas. The term "Refrigerant gas" or "Dispersant gas" applies to all flammable or nonflammable, nonpoisonous refrigerant gases. dispersant gases (fluorocarbons) listed in §§ 172.101, 173.304(a)(2), 173.314(c). 173.315(a)(1) and 173.315(h), and mixtures thereof, or any other compressed gas meeting one of the following:

(1) A nonflammable mixture containing not less than 50% fluorocarbon content, having a vapor pressure not exceeding 260 psig at 130°F.

(2) A flammable mixture containing not less than 50% fluorocarbon content. not over 40% by weight of a flammable component, having a vapor pressure not exceeding 260 psig at 130°F.

3. In § 173.304, the following named gases listed in the table in paragraph (a)(2) are deleted or added to read as follows:

§ 173.304 Charging of cylinders with liquefied compressed gas.

(2) \* \* \*

Containers marked as shown in the column or of the same type-with higher service pressure must be used Maximum Kind of gas DOT-3A225; DOT-8AA225; DOT-98225; DOT-4A225; Dichlorodifluoromethan 119 (See Note 8). DOT-48225; DOT-48A225; DOT-48W225; DOT-48240ET; DOT-46225; DOT-9; DOT-39; DOT-41; DOT-361800. DOT-8A150; DOT-8AA150; DOT-Difluoroethane (See Note 8): 38150; DOT-48150; DOT-48A225; DOT-48W285; DOT-48W228; DOT-3E1900. DOT-3A150; DOT-3A150; DOT-3B150; DOT-3B150; DOT-3B150; DOT-3B DOT-3A240; DOT-3A240; DOT-3A240; DOT-3B240; DOT-Difluoromonochlora 100 ethane (See Note 6). Monochlorodifluora 105 methane (See Note 38240; DOT-48240; DOT-48A240; DOT-48W240; DOT-48240ET; DOT-4E240; DOT-39; DOT-41; DOT-3E1800.

Kind of gas	Maximum permitted filling density (See Note 1)	Containers marked as shown in this column or of the same type with higher service pressure must be used except as provided in
Monochloropentafluore- ethane (See Note 8).	110	DOT-3A225; DOT- 9AA225; DOT- 3B225; DOT-4A225; DOT-4B225; DOT-
		48A225; DOT- 48W225; DOT- 3E1800; DOT-39.
Monachlorotrifluoro- methana (See Note	100	DOT-3A1800; DOT- 3AA1800; DOT-2;
8).	الا القيام ال	DOT-3E1800; DOT- 39.
(Add)		
Brometrifluoromethane (FI-1381 or H-1301.	124	DOT-8A400; DOT- 8AA400; DOT-
		38406; DOT-4A400; DOT-4AA480; DOT-
		48400; DOT- 48A400; DOT- 48W400; DOT-
Chlorodifluoroethene	100	3E1800; DOT-89. DOT-3A150; DOT-
(P-142b) 1-chlore-1, 1-diffuorcethene) (See Note 8).	1.68 15	9AA150; DOT- 3B150; DOT-4B150; DOT-4BA225; DOT-
		48W225; DOT- 9E1800; DOT-39.
(R-22) (See Note 8).	105	DOT-3A240; DOT- 3AA240; DOT- 9B240; DOT-4B240;
		DOT-4BAR40; DOT- 4BWR40; DOT-
		4B240ET; DOT- 4E240; DDT-99; DOT-41; DOT-
Chloropentafluoroethane	110	3E1900. DOT-3A225; DOT-
(R-115) (See Note 8).		3AA225; DOT- 3B225, DOT-4A225; DOT-4B225; DOT-
		49A225; DOT- 49W225; DOT- 8E1800; DOT-39.
Chlorotrifluoromethene (FI-13) (See Note 8).	100	DOT-8A1900; DOT- 8AA1800; DOT-8;
Dichlorodifluoromethane	119	DOT-3E1800; DOT- 39. DOT-3A225; DOT-
(R-12) (See Note 8).		3AA225; DOT- 3B225; DOT-4A225;
		DOT-48225; DOT- 48A225; DOT- 48W225; DOT-
		48W225; DOT- 48240ET; DOT- 4E225; DOT-9; DOT-96; DOT-41;
Dichlorodifluoromethane	(*)	DOT-3E1800.
and Diffuorpethane mixture (constant boiling mixture) (R-		3AAR40; DOT- 38240; DOT- 3E1800; DOT-
500) (See Note 8).		4A240; DOT-4B240; DOT-4BA240; DOT-
		48W240; DOT- 46240; DOT-9; DOT-39.
Diffuorcethane (Pi- 152a) (See Note 8).	79	DOT-JA150; DOT- SAA150; DOT-
		38150; DOT-48150; DOT-48A225; DOT- 48W225; DOT-
Reinigerant gae, n.o.s. or Dispersant gae,	(*)	3E1800. DOT-3A240; DOT- SAA240; DOT-
n.o.s. (See Note 8).		39240; DOT- 361800; DOT-
		4A240; DOT-4B240; DOT-4BA240; DOT- 4BW240; DOT-
		4824G DOT-9; DOT-39.

§ 173.34(a), (b), § 173.301(j) (See notes following table). Not liquid full at 130° F.

4. In § 173.314, the following named gases listed in the Table in paragraph (c) are deleted or added as indicated; Note 4 is revised; and Notes 28 and 29 are added to read as follows:

#### § 173.314 Requirements for compressed gases in tank cars.

(a) \* \* \*

Kind of gas	Maximum permitted filling density. Note 1	Required tank car, see § 173.31(a) (2) and (3)
		일을 존속하면서 소리하다.
(Delete)	l •	
Dichlorodifluorometh-	110	DOT-106A500X
anel Note 13.	125	110A500W, Note 25. DOT-105A300W.
	123	DOT-112A840W, 114A340W
Dichlorodiffuoromethene	(1)	DOT-106A509X
and dichloroethane modure (constant		110A\$00W, Note 28.
boiling medure); Note		
		DOT-108A900W.
Dichlerodifluorometh- age-dichlerotetra-	110	DOT-106A800X 110A500W, Note 25.
fluoroethane mixture;	Tiped by C Tiped By Section	
Note 15	125	DOT-105A300W
	(*)	DOT-112AS40W, 114AS40W.
Dichlorodiffuorometh-	119	DOT-106A500X
ane-monochlorodi- fluoromethane		110A500W, Note 25.
modure; Note 13.		
	125	DOT-105A800W. DOT-112A340W.
Problem delle comments	e	114A340W. DOT-106A500X,
Dichlorodifluoremeth- ane-monofluorotri-	(')	110A500W, Note 25.
chlorometharie moture: Note 13.		
	e	DOT-10\$A800W.
	***************************************	DOT-112A340W,
Dichlorodifluorometh- ane-trichloromono-	119	DOT-106A500X, 110A500W, Note 25.
fluoromethane		Tionsoon, note 23
mono- chlorodifluoromethani	ger in a	
mixture; Note 13.	125	DOT-10\$A800W.
	(7) 123	DOT-112A840W,
Dichlorodifluoremeth-	110	114A340W. DOT-106A500X,
ane-trichlorotrifluoro- ethane mixture; Note		110A500W, Note 25.
18.		
	125 123	DOT-105A800W. DOT-112A940W.
		114A340W.
Diffuoroethane	. 79	DOT-106A500X, 110A500W, Note 25.
	79	DOT-112T400W,
	84	112J400W. DOT-10\$A200-W,
Diffuoromonochlora-	100	Note 23. DOT-106ASOOX,
ethane; Note 13.		110AE00W, Note 25.
		DOT-105A100W, Notes 4 and 23.
Monobromotrifluoro-	124	
methene.	140	DOT-105A500W, Note
Monochlerodifluore-	105	13. DOT-106A500X.
methane; Note 13.		110A500W, Note 25.
	110	DOT-105A300W.
Monochlorotetrafluoro-	125	DOT-106A5COX.
ethane: Note 13.	126	110A500W, Note 25.

126 DOT-112A400W

Kind of gas.	Masonum permitted filing density, Note 1	Required tank car, ass § 173.31(a) (2) and (3)	Kind of gas	Manimum permeted Birng denests Note 1	Required tent car, see § 173.31(a) (2) and (3)	Kind of gas	Maximums permitted Mirry density. Note 1	Required bank Car, see § 173.31(a) (2) and (3)
(Add)			Chloroletallucroethans (FI-124); Note 13. Dichlorodiflucromethans (Fi-12); Note 13.	119	DCT-10SASOOX, 110ASOOM, None 25, DCT-112AsOOM, DCT-10SASOOX, 110ASOOM, None 25, DCT-112A3SOM,	110A wast for un gases, interior pi	e transportation see of loading a	OCT-106A and DCT- of fiqueted fishmable not unloading valves ow valves of approved
Bromotrifluoromethane (R-1381 or H-1301). Chlorodifluoroethane (R-1420) 1-Chloro- 1,1-difluoroethane; Notes 4, and 13.		DOT-110A800W, Notes 7 and 13. DOT-105A500W, Note 13. DOT-105A500W, 110A500W, Note 25.	Diffuction lesses (FL- 152a): Note 4. Note: 15.		14A34004, None 28 and 28 DOT-105A3004, 2007-105A5004, 110A5004, Noie 28, DOT-112T4004, 112J4004,	until boligen guille De rendered inop procede boligen graces	is, except that erative and offe unbacking when	rs may be equipped the bottom cullets must chickly scaled to Perisporting flammable raive setting of 200.5
Chlorodifluoromethane (FL-22)	10 <b>5</b>	DOT-108A100W. DOT-114A240, Noise 23, 28 and 29. DOT-106A500Y. 110A50DW. Noise 28. DOT-105A300W.	Postporent gas, n.e.s.	2 6	114AS46W, Notes 23, 28 and 28, DCT-105ASX6W, Note 22, DCT-108AS06X, 110A656W, Note 25, DCT-105A330W.			ingtion 114A340W tark
	108 (*)	DOT-112A400W DOT-114A340W Notes 28 and 28.			DCF-112A340W, 114A340W, Notes 23 and 27.			

5. In § 173.315, the following named gases listed in the Table in paragraph (s)(1) are deleted or added as indicated: the Table in paragraph (h) is revised by changing the heading in the second column and the named gases are deleted or added to read as follows:

### § 173.315 Compressed gases in cargo tanks and portable tank containers.

	Maximum permit	led liling density	Specification container required	
Grid of gas	Percent by weight (see note 1)	Percent by Volume (see percentage (f) of this eccept)	Typio (assi viole 2)	Minimum desig
Calculation of the Control of the Co				
			[경기: [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	
Achlorodifluorometrigne (see note 9)	l 119	4	DOT-81, MC-330, MC-331	
ichlorodifluoromethane and difluoroethane midure (constant	See per (c) of		MC-330, MC-331	150 250
boiling mixture) (see note 9).	this section.	18 (278 ) 82° i 18 ' 18 '		
ichlorodifluoromethane-dichlorotetrafluorpethane midaire (see	119		00T-51, MC-330, MC-331	150
note 9s				
ichlarodifluaromethane manafluoristichloromethene – midure		سنست في	DOT-51, MC-830, MC-331	150
(see note 9).	this section.	No. 1988 Bridge		
illuoroethane	79	do	MC-350, MC-331	150
Muoromonochloroethane (see note 9)	100		J MC-330, MC-331	100
lonobromotrifluoromethane (see note 9)	133	See note 7	DOT-61, MC-330, MC-331	365
fonochlorodiffuoromethane (see note 9)	J 105	منسينينين doس.	DOT-51, MC-330, MC-321	
그리 그 회의 경기 가장 가장 보다 되고 있다. 그 사람들은			전 대통령 경우의 항상하고 있는 학생인 등을 즐겁는 것이다. (Ber	or See a
(Ado				
		STALL HALVES		
그는 이 이 사람이 이 사람들은 이 시작들이 되는데 이렇게 돼?				하는 사람들이 잃어지 않다.
romotrifluoromethane (R-1381 or H-1301); (see note 9)	J 133	do	DOT-51, MC-836, MC-321	J 565
hlorodifluoroethane (R-142b) (1-Chloro 1,1-difluoroethane);	100	<b>do</b>	DOT-51, MC-336, MC-331	100
(see note 9).				
Norodifluoromethane (R-22); (see note 9)	105		DOT-51, MC-336, MC-331	250
ichlorodifluoromethane (R-12); (see note 9)	119		DOT-51, MC-330, MC-331	150
fluoroethane (R-152a)	79		DOT-51; MC-330, MC-331	150
efrigerant gas, n.o.s. or dispersant gas, n.o.s	See per. (c) of	do	DOT-51, NC-330, NC-331	See per. (c)(1)
그는 이 교통을 하고 있다는 아이를 본 가입으로 하겠다며.	this section.			this section.

# PART 179—SPECIFICATION FOR TANK CARS

6. § 179.105-9 is deleted and reserved.

§ 179.105 Special requirements for Specifications 112 and 114 (and cars. [Reserved]

(49 U.S.C. 1803, 1804, 1808; (49 CFR 1.53, App. A to Part 1) Note.—The Materials Transportation Bureau has determined that this document will not result in a "major rule" under the terms of Executive Order 12291 and is not a significant regulation under DOT's regulatory policy and procedures (44 FR 11034, nor require an environmental impact statement under the National Environmental Policy Act (40 U.S.C. 4321 et seq.)) a regulatory evaluation and an environmental assessment are available for review in the docket.

Issued in Washington, D.C. on September 28, 1961.
L. D. Santipan.
Director, Materials Transportation Bureau.
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